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PTO/SB/21 (09-04)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/672,397	
	Filing Date	September 26, 2005	
	First Named Inventor	Qinghong Yang	
	Art Unit	1634	
	Examiner Name	Unassigned	
Total Number of Pages in This Submission		Attorney Docket Number	26757-718.301

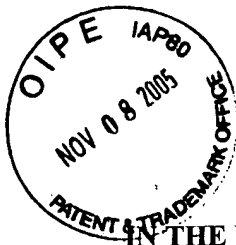
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SIGNATURE OF APPLICANT, ATTORNEY OR AGENT			
Firm Name	WILSON SONSINI GOODRICH & ROSATI		
Signature			
Printed Name	Shirley Chen		
Date	November 8, 2005	Reg. No.	39,666

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Attorney Docket No. 26757-718.301  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Qinghong Yang, et al.	)	Group Art Unit: 1634
Serial Number: 10/672,397	)	Examiner: Unassigned
Filing Date: September 26, 2003	)	<b>CONFIRMATION NO: 1830</b>
Title: METHODS FOR DETECTION OF DIFFERENCES IN NUCLEIC ACIDS	)	

FILED BY EXPRESS MAIL ON: November 8, 2005  
EXPRESS MAIL LABEL NO.: EV 711413228 US

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**UNDER 37 C.F.R. §1.97**

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Applicant(s) hereby submit(s) an Information Disclosure Statement along with attached form(s) PTO/SB/08A. A copy of each listed publication is being submitted, if required, pursuant to 37 C.F.R. §§1.97-1.98, as indicated below.

Applicant(s) respectfully request(s) that the listed information be considered by the Examiner and be made of record in the above-identified application. Applicant(s) further request that the Examiner initial and return the attached form(s) PTO/SB/08 in accordance with MPEP §609.

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, prior art or material to patentability as defined in §1.56.

☒ 37 CFR §1.97(b). This Information Disclosure Statement should be considered by the Office because:

- ☐ (1) It is being filed within 3 months of the application filing date of a national application and is other than a continued prosecution application under §1.53(d);  
-- OR --
- ☐ (2) It is being filed within 3 months of entry of a national stage as set forth in §1.491 in an international application;  
-- OR --
- ☒ (3) It is being filed before the mailing date of the first Office Action on the merits;  
-- OR --
- ☐ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under §1.114.

☐ 37 CFR §1.97(c). Although this Information Disclosure Statement is being filed after the period specified in 37 CFR §1.97(b), above, it is filed before the mailing date of the earlier of (1) a final office action under §1.113, (2) a notice of allowance under §1.311, or (3) an action that otherwise closes prosecution on the merits, this Information Disclosure Statement should be considered because it is accompanied by one of:

- ☐ a certification as specified in §1.97(e) provided concurrently herewith;  
-- OR --
- ☐ a fee of \$180.00 as set forth in §1.17(p) authorized below, enclosed, or included with the payment of other papers filed together with this statement.

☐ 37 CFR §1.97(d). Although this Information Disclosure Statement is being filed after the mailing date of the earlier of (1) a final office action under §1.113 or (2) a notice of allowance under §1.311, it is being filed before payment of the issue fee and should be considered because it is accompanied by:

- A. a certification as specified in §1.97(e); and
- B. a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this Statement.

☐ 37 CFR §1.97(e). A certification signed by an Attorney of Record is provided herewith as required under 37 CFR §§1.97(b) and (c).

☒ 37 CFR §1.98(a)(2). The content of the Information Disclosure Statement is as follows:

- ☒ Copies of each of the references listed on the attached Form PTO/SB/08A are enclosed herewith.  
-- OR --
- ☐ Copies of U.S. Patent Documents (issued patents and patent publications) listed on the attached Form PTO/SB/08A are NOT enclosed.  
-- AND/OR --
- ☐ Copies of Foreign Patent Documents and/or Non Patent Literature Documents listed on the attached Form PTO/SB/08A are enclosed in accordance with 37 CFR §1.98(a)(2).  
-- AND/OR --
- ☐ Copies of pending unpublished U.S. patent applications are enclosed in accordance with 37 CFR §1.98(a)(2)(iii).

- ☐ 37 CFR §1.98(a)(3). The Information Disclosure Statement includes non-English patents and/or references.
- ☐ Pursuant to 37 CFR §1.98(a)(3)(i), a concise explanation of the relevance of each patent, publication or other information provided that is not in English is provided herewith.
- ☐ Pursuant to 37 CFR §1.98(a)(3)(ii), a copy of a translation of the non-English language reference(s) is provided herewith
- ☐ Attached are copies of search report(s) from corresponding patent application(s), submitted in accordance with MPEP 609 D in support of the attached certification under 37 CFR §1.97(e)(1).
- ☒ *Fee Authorization.* The Commissioner is hereby authorized to charge the above-referenced fees of \$0.00 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 23-2415 (Docket No. 26757-718.301).

Respectfully submitted,

WILSON SONSINI GOODRICH & ROSATI

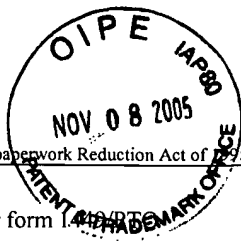
Dated: Nov. 8, 2005

By: 

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<b>Substitute for form 149, PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>		
				Application Number	10/672,397	
				Filing Date	September 26, 2005	
				First Named Inventor	Qinghong Yang	
				Art Unit	1634	
				Examiner Name	Unassigned	
Sheet	1	of	1	Attorney Docket Number		26757-718.301

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		WO 97/23646	07-03-1997	Behringwerke Aktiengesellschaft		
		WO 99/36574	07-22-1999	Mayo Foundation for Medical Education and Research		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BHATTACHARYYA, A., et al. 1991. Model for the Interaction of DNA Junctions and Resolving Enzymes. Journal of Molecular Biology London GB 221 (4): 1191-1207.	
		BOLT, E., et al. 1999. Identification of Three Aspartic Acid Residues Essential for Catalysis by the RuvA Holliday Junction Resolvaes. Journal of Molecular Biology London GB 286 (2): 403-415.	
		DAVIES, ADELINA A., et al. 1998. Formation of RuvABC-Holliday junction complexes <i>in vitro</i> . Current Biology 8 (12): 725-727.	
		FRAPPIER, L., et al. 1989. Characterization of the Binding Specificity of Two Anticruiform DNA Monoclonal Antibodies. Journal of Biological Chemistry 264 (1): 334-34.	
		ICHIYANAGI, KENJI, et al. 1998. Mutational analysis on structure-function relationship of a Holliday junction specific endonuclease RuvC. Gewnes to Cells 3 (9): 575-586.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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